



CEILING - R64

WALLS - R30

RIM - R30+

FNDN WALLS - R20+

AIR TIGHTNESS - 2ACH50 (or less)

HEAT RECOVERY VENTILATION

WINDOWS - U0.22 (or better)

SUBFLOOR - R26

2030 Challenge - 2010 Imperative

The 2030 Challenge for Architects establishes a series of performance standard goals aimed at achieving carbon neutral buildings by the year 2030. The second step on this ladder is the 2010 Imperative which calls for a 60% reduction in energy use by the year 2010. The cross-section above shows an example of the kind of construction and envelope detailing that is required to meet that goal.